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NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

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Published on SBIR.gov (<https://www.sbir.gov>)

[1. Optimization of Small Molecule Probes for the Nervous System](#)

Release Date: 08-26-2009Open Date: 11-05-2009Due Date: 09-08-2012Close Date: 09-08-2012

The purpose of this funding opportunity is to facilitate the development of small molecule probes that will add a pharmacological dimension to basic neuroscience work, and enable proof-of-principle studies linking nervous system therapeutic targets, mechanisms or phenotypes to disease onset or progression. NIH has made a significant commitment to probe development via Institute-specific and Blue ...

SBIR Department of Health and Human Services

[2. Directed Stem Cell Differentiation for Cell-Based Therapies for Heart, Lung, and Blood Diseases](#)

Release Date: 08-12-2009Open Date: 11-05-2009Due Date: 09-08-2012Close Date: 09-08-2012

The purpose of this Funding Opportunity Announcement (FOA) is to define the factors and mechanisms controlling the differentiation of embryonic or adult stem or progenitor cells, either in vitro or in vivo. The FOA is designed to stimulate new scientific advances in stem cell differentiation including technology research that may not be hypothesis driven. The long-range goal of this program is the ...

SBIR Department of Health and Human Services

[3. Innovations in Biomedical Computational Science and Technology Initiative](#)

Release Date: 08-05-2009Open Date: 11-05-2009Due Date: 09-08-2012Close Date: 09-08-2012

This announcement covers broad-based research in biomedical informatics and computational biology, and is coordinated by the NIH Biomedical Information Science and Technology Initiative (BISTI) committee. Through this and related opportunities, Institutes and Centers of the NIH offer support for: fundamental research in biomedical informatics and computational biology; development of new computati ...

SBIR Department of Health and Human Services

[4. Multiplex Assay Development for Arthritis and Musculoskeletal and Skin Diseases](#)

Release Date: 04-06-2009Open Date: 07-05-2009Due Date: 09-08-2012Close Date: 09-08-2012

Background: The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) is interested in SBIR projects to develop multiplex assay methodologies for candidate biomarkers of musculoskeletal, rheumatic and skin diseases. The assay technologies are intended to enable accurate quantitative measurement of multiple candidate biomarkers in small volumes of blood or other body fluid ...

SBIR Department of Health and Human Services

5. [Advanced Tools and Technologies for Cerebrospinal Fluid Shunts SBIR](#)

Release Date: 06-08-2009Open Date: 07-05-2009Due Date: 05-08-2012Close Date: 05-08-2012

Hydrocephalus is caused by a heterogeneous group of diseases and disorders that can affect individuals of any age, from infants to the elderly. Cerebrospinal fluid (CSF) shunts have been successfully used to treat hydrocephalus for over 50 years and are the most common treatment option for this disorder. In a typical shunt system, a catheter is used to drain the fluid from the brain to a site in t ...

SBIR Department of Health and Human Services

6. [Technology Development for the Detection and Evaluation of Chemical and Biological Carcinogens](#)

Release Date: 05-19-2009Open Date: 07-05-2009Due Date: 05-08-2012Close Date: 05-08-2012

Purpose This Funding Opportunity Announcement (FOA), issued by the National Cancer Institute (NCI), at the National Institutes of Health (NIH), invites Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) propose to develop new technologies and/or improve existing technologies for the detection and evaluation of chemical and biological carcinogens in ...

SBIR Department of Health and Human Services

7. [Technologies and Software to Support Integrative Cancer Biology Research](#)

Release Date: 05-19-2009Open Date: 07-05-2009Due Date: 05-08-2012Close Date: 05-08-2012

Purpose The goal of this Funding Opportunity Announcement (FOA) is to support the development as commercial products of software, computational/mathematical methods, and laboratory technologies that will facilitate, accelerate, and/or enhance integrative cancer biology research. This FOA encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) t ...

SBIR Department of Health and Human Services

8. [Technology for the Detection and Characterization of Low Abundance Proteins, Peptides, or micro RNAs](#)

Release Date: 05-19-2009Open Date: 07-05-2009Due Date: 05-08-2012Close Date: 05-08-2012

Purpose This Funding Opportunity Announcement (FOA), issued by the National Cancer Institute (NCI), and the National Institute of Mental Health (NIMH), at the National Institutes of Health (NIH), invites Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) proposing the development of new technologies or improvements to existing technologies for the i ...

SBIR Department of Health and Human Services

9. [Development of In-Vitro Assays to Assess the Potency of Botulinum Neurotoxin Type A](#)

Release Date: 04-29-2009Open Date: 07-05-2009Due Date: 05-08-2012Close Date: 05-08-2012

Clostridium botulinum is an anaerobic bacterium that produces a neurotoxin thought to be the most lethal substance known (on a per molecule or per weight basis). Strains of C. botulinum have been identified that produce 7 different types of this neurotoxin, designated as types A through G. The toxin is synthesized as a single polypeptide of approximately 150 kD. Selective proteolysis is important ...

SBIR Department of Health and Human Services

10. [Tools to Mitigate and Understand the Mental Health Effects of National Disasters](#)

Release Date: 03-03-2009Open Date: 03-05-2009Due Date: 01-08-2012Close Date: 01-08-2012

Background The physical impact of Hurricane Katrina occurred over hours and days. The mental health effects of this large-scale, traumatic event may be fully evident only over weeks, months, years, and, perhaps, generations. The types of trauma from such events are many, diverse, and complex. The affected populations, including both direct victims and those secondarily involved (e.g., first resp ...

SBIR Department of Health and Human Services

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